

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)	Application Number	10/789,308
	Filing Date	02/26/2004
	Inventor(s)	Jessell, <i>et al.</i>
	Art Unit	1647
	Examiner Name	Daniel C. Gamett
	Attorney Docket Number	070050.2891

### U.S. PATENT DOCUMENTS

Exam Initial	No.	Document No.	Publication Date	Applicant(s)
	1.	5,817,773	10/6/1998	Wilson et al.
	2.	5,844,079	12/1/1998	Ingham, et al.
	3.	5,851,832	12/22/1998	Weiss et al.
	4.	5,980,885	11/9/1999	Weiss et al.
	5.	6,040,180	3/21/2000	Johe
	6.	6,277,820	8/21/2001	Rosenthal et al.
	7.	6,294,346	9/25/2001	Weiss et al.
	8.	2002/0151056	10/17/2002	Sasai, et al.
	9.	2004/0092012	05/13/2004	Okano, et al.
	10.	6,833,269	12/21/2004	Carpenter

Exam Initial	No.	OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)
	11.	Ericson, et al., 1996, "Two critical periods of Sonic Hedgehog signaling required for the specification of motor neuron identity," Cell. Nov 15;87(4):661-73.
	12.	Gross, et al., 1996, "Bone morphogenetic proteins promote astroglial lineage commitment by mammalian subventricular zone progenitor cells," Neuron 17(4):595-606.
	13.	Lillien, et al., 2000, "BMP and FGF regulate development of EGF-responsive neural progenitor cells," Development, 127(22):4993-5005.

Examiner Signature		Date Considered	
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NY02:590658.1

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	14.	Carpenter, et al., 2001, "Enrichment of neurons and neural precursors from human embryonic stem cells," <i>Experimental Neurology</i> , 172(2):383-397.
	15.	Frank-Kamenetsky, et al., 2002, "Small-molecule modulators of Hedgehog signaling: identification and characterization of Smoothed agonists and antagonists," <i>J Biol.</i> 1(2):10.
	16.	Wichterle, et al. 2002, "Directed differentiation of embryonic stem cells into motor neurons," <i>Cell</i> . 2002 110(3):385-97.
	17.	Howard Hughes Medical Institute, July 2002, "Researchers produce motor neurons from embryonic stem cells," <i>Scienceblog.com</i> ; <a href="http://www.scienceblog.com/community">http://www.scienceblog.com/community</a>
	18.	Howard Huges Medical Institute Research News, July 2002, "Researchers produce motor neurons from embryonic stem cells," HHMI News.
	19.	Novitch, et al. 2003, "A requirement for retinoic acid-mediated transcriptional activation in ventral neural patterning and motor neuron specification," <i>Neuron</i> . 25;40(1):81-95.
	20.	Shin, et al., 2005, "Human Motor Neuron Differentiation from Human Embryonic Stem Cells," <i>Stem Cells and Development</i> , (14): 266-269.
	21.	Li, et al., 2005, "Specification of motoneurons from human embryonic stem cells," <i>Nat Biotechnol.</i> 23(2):215-21.
	22.	ALS, 2005, "Details discovered on How Human Stem Cells become Nerve Cells in Research Funded By The ALS Association; Findings Suggest Routes to New Therapies for Lou Gehrig's Disease," <i>Business Wire</i>
	23.	Lim, et al., 2006, "Derivation of Motor Neurons from three Clonal Human Embryonic Stem Cell Lines" <i>Curr Neurovasc Res.</i> 3(4):281-8.
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	25.	Deshpande, et al., 2006 "Recovery from paralysis in adult rats using embryonic stem cells" Annals of Neurology, Vol.60, 1,32 - 44
	26.	Soundararajan, et al. 2007, "Easy and Rapid Differentiation of Embryonic Stem Cells into Functional Motoneurons Using Sonic Hedgehog Producing Cells," Stemm Cells 25(7) 1697-1707.

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